

5'	CC	GCA	ATG	GCA	CGG	CAG	CAC	GCC	CGG	ACC	TTG	TGG	TAC	GAC	AGG	CCC	ATG	TAT
	M	A	R	Q	H	A	R	T	L	W	Y	D	R	P	M	Y		
	9	18	27	36	45	54												
	63	72	81	90	99	108												
	GTG	TTC	ATG	GAG	TTT	TGT	GAG	GAC	AGC	ACC	GAT	GTC	CAC	GTG	CTT	ATT	GAG	
	V	F	M	E	F	C	V	E	D	S	T	D	V	H	V	L	I	
	117	126	135	144	153	162												
	GAT	CAC	CGC	ATT	GTG	TTC	AGC	TGC	AAG	AAT	GCC	GAT	GGA	GTG	GAG	TTG	TAC	
	D	H	R	I	V	F	S	C	K	N	A	D	G	V	E	L	Y	
	171	180	189	198	207	216												
	GAG	ATT	GAG	TTC	TAT	GCC	AAA	GTG	AAC	TCC	AAG	GAC	TCC	CAG	GAT	AAG	CGC	
	E	I	E	F	Y	A	K	V	N	S	K	D	S	Q	D	K	R	
	225	234	243	252	261	270												
	TCC	CGC	TCT	ATT	ACT	TGT	TTT	GTG	AGA	AAA	TGG	AAG	GAA	AAG	GTG	GCC	TGG	
	S	R	S	I	T	C	F	V	R	K	W	K	E	K	V	A	W	
	279	288	297	306	315	324												
	CGG	CTT	ACC	AAG	GAG	GAT	ATC	AAG	CCA	GTG	TGG	CTG	TCT	GTG	GAC	TTT	GAT	
	R	L	T	K	E	D	I	K	P	V	W	L	S	V	D	F	D	
	333	342	351	360	369	378												
	TGG	AGA	GAC	TGG	GAA	GGG	GAT	GAA	GAG	ATG	GAG	CTG	GCT	CAT	GTG	GAA	CAT	
	W	R	D	W	E	G	D	E	E	M	E	L	A	H	V	E	H	

FIGURE 1A

387	396	405	414	423	432
GCA GAG CTT TTG AAG AAG GTC AGC ACC AAG AGA CCT CCA CCT GCC ATG GAT					
A E L L K K AAG GTC AGC ACC AAG AGA CCT CCA CCT GCC ATG GAT					
441	450	459	468	477	486
TTG GAT GAT GAT TCT GAC AGT AGT GCT GAT GAT GCA ACA AGT AAT TAA CTT TCT GTG					
L D D D S D S A D D A T S N					
495	504	513	522	531	540
ACG CAA AGC TGG GAA GGC AGC AGC TGT GGC TAT TTT CCA GTT GTT CTA GAA AGC TAG					
549	558				
CGC CTA GGC CTT TGT CAG CG 3'					

FIGURE 1B



106250 8564950

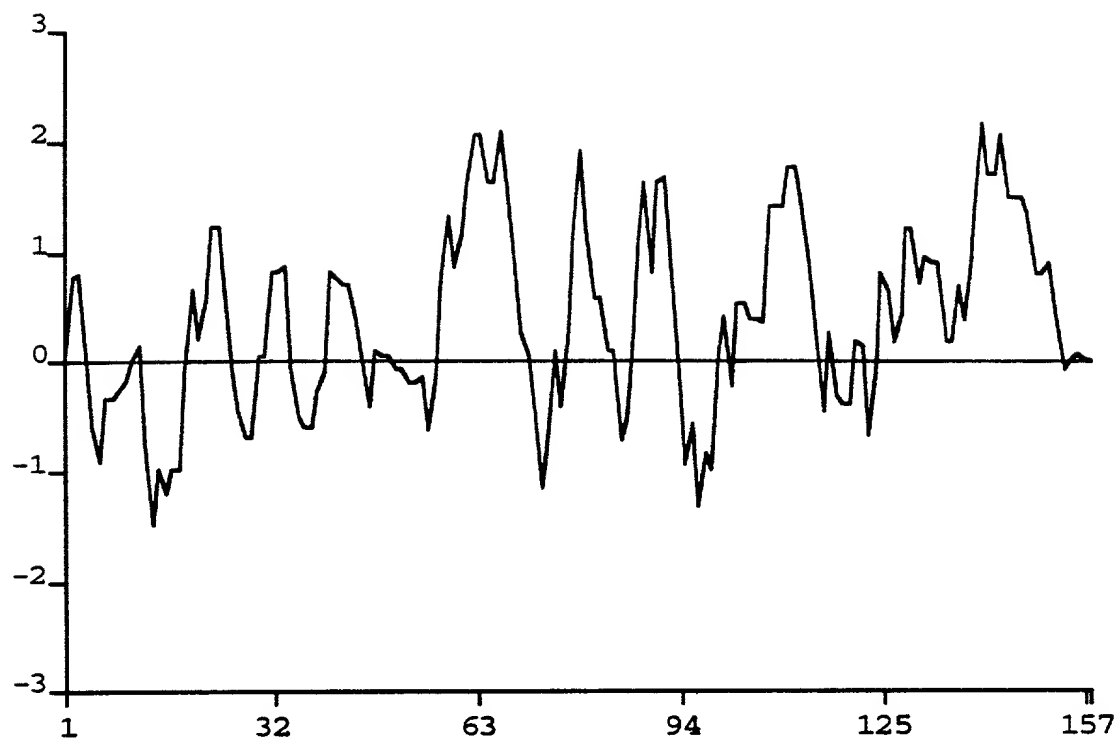


FIGURE 3A

106250" 87629850

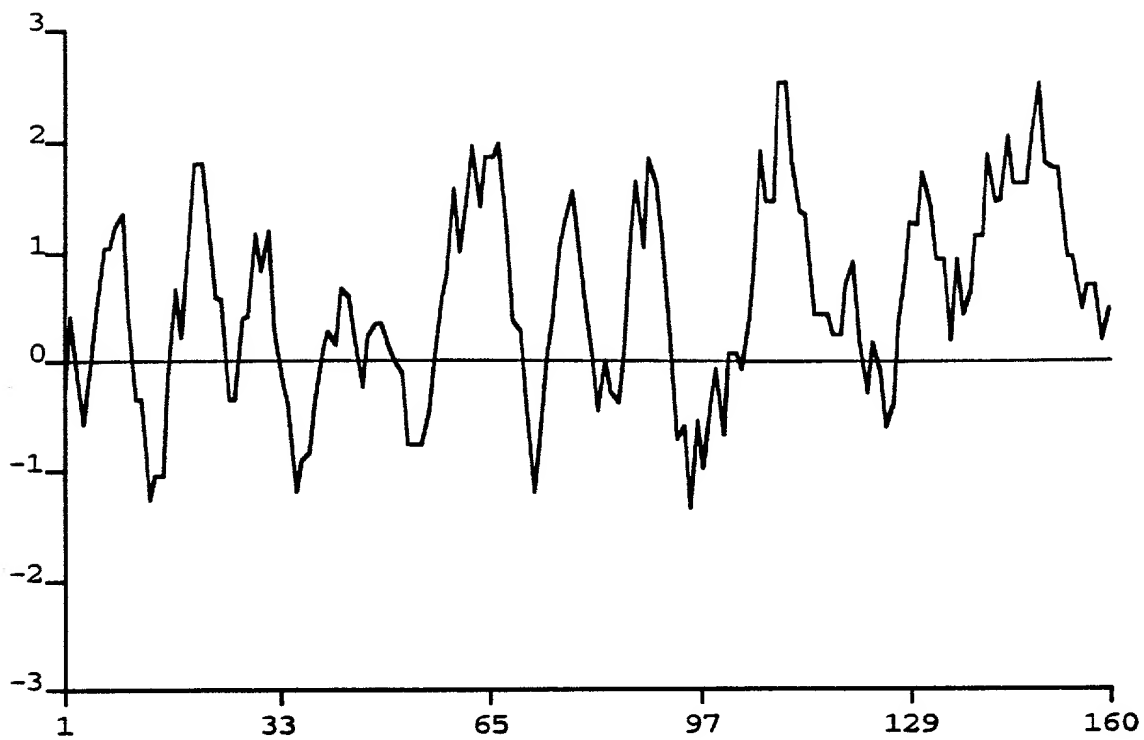


FIGURE 3B